

2017 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] WATHENA
 Jeff Hartman, Doniphan County, KS 66090



PREV. CROP/HERB: Soybean / 2,4-D
 SOIL DESCRIPTION: Haynie silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 6.5 pH, 2.5% OM, 15 CEC
 PEST MANAGEMENT: Lexar, glyphosate, 2,4-D
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-52-60
 SEEDING - RATE - ROW: Apr 27 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 9 29,800 /A

Early-Season Test
107 - 112 Day CRM
 B2017KSNE05a

Top 30 of 36

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC60-88RIB GC	VT2P,B	110	258.8	16.0	0	31.2	718	1
Pioneer	P1138AM GC	AM,B	111	250.6	15.9	0	30.5	696	5
AgriGold	A6499STXRIB	STX,B	112	250.0	15.1	0	29.9	699	2
Augusta	A4658GT3110	3110	108	250.0	15.3	0	29.2	698	4
Phillips Seed	PSF098VT2PRIB	VT2P,B	109	249.8	15.1	3	29.9	699	3
Renk	RK842SSTX	STX	112	249.2	15.6	0	30.2	694	6
NuTech	X5NN-1212	3000GT	112	248.4	15.3	0	29.5	694	7
Augusta	A5162GT3000	3000GT	112	246.8	15.0	0	29.2	691	8
Renk	RK871VT2P	VT2P,B	111	245.0	15.6	0	30.2	682	9
Dyna-Gro	D52SS91	STX	112	244.6	15.4	0	30.2	682	10
Taylor	8808VT2ProRIB	VT2P,B	108	242.4	15.8	0	29.9	674	13
Channel	209-51VT2PRIB GC	VT2P,B	109	241.9	15.1	0	30.2	677	11
Phillips Seed	PSF068VT2P	VT2P	107	241.7	14.9	0	29.2	677	12
Lewis	R1409VT2P	VT2P,B	109	237.4	15.0	0	30.5	665	14
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	236.9	15.3	0	29.9	662	15
Lewis	R1412VT2P	VT2P,B	112	234.7	15.3	0	29.2	655	16
Mycogen	MY10Z28RA GC	STX,B	110	234.7	15.3	0	29.2	655	17
AgriGold	A640-77VT2PRO	VT2P	110	229.8	15.6	0	29.5	640	18
LG Seeds	LG5616-3000GT	3000GT	112	228.2	15.3	0	29.9	637	19
Lewis	RD1511VT2P	VT2P,DG,B	111	226.7	15.5	0	30.2	632	20
NuTech/G2 Gen	5F-308^	AM,B	108	223.1	15.2	0	29.9	624	21
Taylor	EXP C-112-14	VT2P	112	222.7	15.5	0	29.5	621	22
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	221.6	15.7	0	29.5	617	23
Phillips Seed	PSF082VT2PRIB	VT2P,B	108	218.5	15.3	0	29.2	610	24
Golden Harvest	G12W66-3000GT	3000GT	112	218.1	15.1	0	29.2	610	25
Dekalb	DKC62-08RIB GC	STX,B	112	217.1	15.2	0	30.2	607	26
Renk	RK877DGV2P	VT2P,DG,B	111	210.2	15.4	0	29.2	586	28
Lewis	11DP768	VT2P,B	111	210.1	15.0	0	30.2	588	27
NuTech/G2 Gen	X5FN-1211^	OI	112	205.4	15.0	0	28.9	575	29
Mycogen	MY12G35RA GC	PC,B	112	204.9	15.5	0	29.5	571	30
Pioneer	P0707AM CK	AM,B	107	196.5	16.3	0	30.5	544	35

Averages = 226.9 15.4 0 29.8 633

LSD (0.10) = 8.9 0.1 1

LSD (0.25) = 4.7 0.1 1

C.V. = 3.7 Prev. years average yield, 206.4 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

Test Comments: This site was planted into a clean, worked seedbed and emerged great. This location caught several timely rains in June and July. A cooler than normal August also helped preserve yield. Plants were very tall and standing great, most hybrids had long girthy ears that were filled out to the end. Kernels were also very deep. Excellent weed control.

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-52-60
 SEEDING - RATE - ROW: Apr 27 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 9 29,800 /A

Full-Season Test
113 - 116 Day CRM
 B2017KSNE05b

Top 30 of 36

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC63-60RIB GC	STX,B	113	259.7	15.6	0	30.2	723	1
Lewis	RD1613VT2P	VT2P,DG,B	113	254.4	15.9	0	29.5	707	2
Renk	RK965SSTX	STX	116	251.8	16.0	0	28.9	699	3
Taylor	EXP F-115-14	VT2P	115	247.3	16.2	0	30.2	685	4
Mycogen	MY13A35RA GC	PC,B	113	244.5	15.1	0	30.5	684	5
LG Seeds	LG5643STXRIB	STX,B	114	241.6	16.0	0	29.5	670	6
AgriGold	A6572VT2RIB	VT2P,B	114	238.7	15.9	0	30.2	663	8
Channel	216-36DGVT2PRIB	VT2P,DG,B	116	238.7	16.2	0	29.9	661	10
Taylor	T5515	STX	115	237.7	15.1	0	30.5	665	7
Renk	RK924DGVT2P	VT2P,DG,B	114	237.1	15.3	0	29.5	662	9
Dekalb	DKC66-74RIB GC	STX,B	116	236.3	15.6	0	29.9	658	11
Lewis	R1414VT2P	VT2P,B	114	231.5	16.0	0	29.2	642	12
Phillips Seed	PSF133DGVT2PRIB	VT2P,DG,B	113	229.8	15.3	0	30.5	642	13
Golden Harvest	G14V04-3000GT	3000GT	114	227.8	15.6	0	29.5	634	14
Lewis	16DP887	VT2P,B	116	227.4	16.3	0	29.9	629	16
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	113	226.0	15.8	0	30.5	628	17
Epley	E2305RR	RR2	113	225.0	15.0	0	30.2	630	15
Renk	RK961VT2P	VT2P,B	116	222.5	15.5	0	29.9	620	18
Phillips Seed	PSF138VT2PRIB	VT2P,B	113	221.0	16.0	0	30.2	613	19
LG Seeds	LG5650STXRIB	STX,B	115	220.8	16.5	0	30.2	610	20
NuTech/G2 Gen	X5FN-1305^	OI	113	214.6	15.4	0	29.5	599	21
Lewis	RD114VT2P	VT2P,DG,B	114	214.4	15.4	0	29.2	598	22
Phillips Seed	PSF158VT2PRIB	VT2P,B	115	212.2	16.5	0	28.9	586	25
AgriGold	A6544VT2RIB	VT2P,B	113	212.0	15.4	0	29.9	591	23
Taylor	8835VT2Pro	VT2P	114	211.5	15.2	0	29.9	591	24
Golden Harvest	G16K01-3111	3111	116	209.9	15.4	0	29.9	586	26
Pioneer	P1366AM GC	AM,B	113	208.6	15.7	3	29.2	580	27
NuTech/G2 Gen	5F-713^	AM,B	113	207.3	16.5	0	29.9	573	29
LG Seeds	LG5700VT2PRIB	VT2P,B	116	207.2	16.2	0	29.5	574	28
NuTech/G2 Gen	X5FN-1306^	OI	113	205.1	15.5	0	29.2	572	30
Pioneer	P0707AM CK	AM,B	107	201.2	15.2	0	29.9	562	33

Adam Stuteville
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Averages =	222.8	15.7	0	29.8	620
LSD (0.10) =	11.9	0.3	2		
LSD (0.25) =	8.3	0.2	1		
C.V. =	3.9	Prev. years average yield, 206.4 bu/a, 3 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

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Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A640-77VT2PRO	VT2P	AC,P5V	110					
AgriGold	A642-59STX	STX	AC,P5V	112					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C2	108					
Augusta	A5162GT3000	3000GT	AVC,C5	112					
Channel	209-51VT2PRIB GC	VT2P,B	AC,P2	109					
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P2	110					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Dyna-Gro	D52SS91	STX	AC,P5V	112					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Lewis	11DP768	VT2P,B	AC,P5V	111					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
Lewis	R1412VT2P	VT2P,B	AC,P5V	112					
Lewis	RD1511VT2P	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG5616-3000GT	3000GT	AVC,C2,Vi	112					
Mycogen	MY10Z28RA GC	STX,B	CM,C5,Vi,In	110					
Mycogen	MY12G35RA GC	PC,B	CM,C5,Vi,In	112					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-1211^	OI	MQ,P1V,R	112					
Phillips Seed	PSF068VT2P	VT2P	AC,P2	107					
Phillips Seed	PSF082VT2PRIB	VT2P,B	AC,P2	108					
Phillips Seed	PSF098VT2PRIB	VT2P,B	AC,P2	109					
Pioneer	P0707AM CK	AM,B	MQ,C2,R,Lu	107					
Pioneer	P1138AM GC	AM,B	MQ,P1V	111					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Taylor	8012VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8070VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB	VT2P,B	AC,P2	108					
Taylor	EXP C-112-14	VT2P	AC,P2	112					

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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6544VT2RIB	VT2P,B	AC,P5V	113					
AgriGold	A6572VT2RIB	VT2P,B	AC,P5V	114					
AgriGold	A6579VT2RIB	VT2P,B	AC,P5V	114					
Channel	216-36DGV2PRIB	VT2P,DG,B	AC,P2	116					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114					
Dekalb	DKC66-74RIB GC	STX,B	AC,P5V	116					
Epley	E2305RR	RR2	MQ	113					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Lewis	16DP887	VT2P,B	AC,P5V	116					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	RD114VT2P	VT2P,DG,B	AC,P5V	114					
Lewis	RD1613VT2P	VT2P,DG,B	AC,P5V	113					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115					
LG Seeds	LG5700VT2PRIB	VT2P,B	AC,P5V	116					
Mycogen	MY13A35RA GC	PC,B	CM,C5,Vi,ln	113					
Mycogen	MY13M87RA GC	STX,B	CM,C5,Vi,ln	113					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1305^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
Phillips Seed	PSF133DGV2PRIB	VT2P,DG,B	AC,P2	113					
Phillips Seed	PSF138VT2PRIB	VT2P,B	AC,P2	113					
Phillips Seed	PSF158VT2PRIB	VT2P,B	AC,P2	115					
Pioneer	P0707AM CK	AM,B	MQ,C2,R,Lu	107					
Pioneer	P1366AM GC	AM,B	MQ,P1V	113					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965SSTX	STX	AC,P5V	116					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP F-115-14	VT2P	AC,P2	115					
Taylor	T5515	STX	AC,P5V	115					
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	AC,P2	113					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMaxx [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPMaxx [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure [®] 3000GT (CB,RW,LL,GT)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

** Seed treatments may include unspecified plant health promoting components.